Countdown to Mars: A Launch Director's View

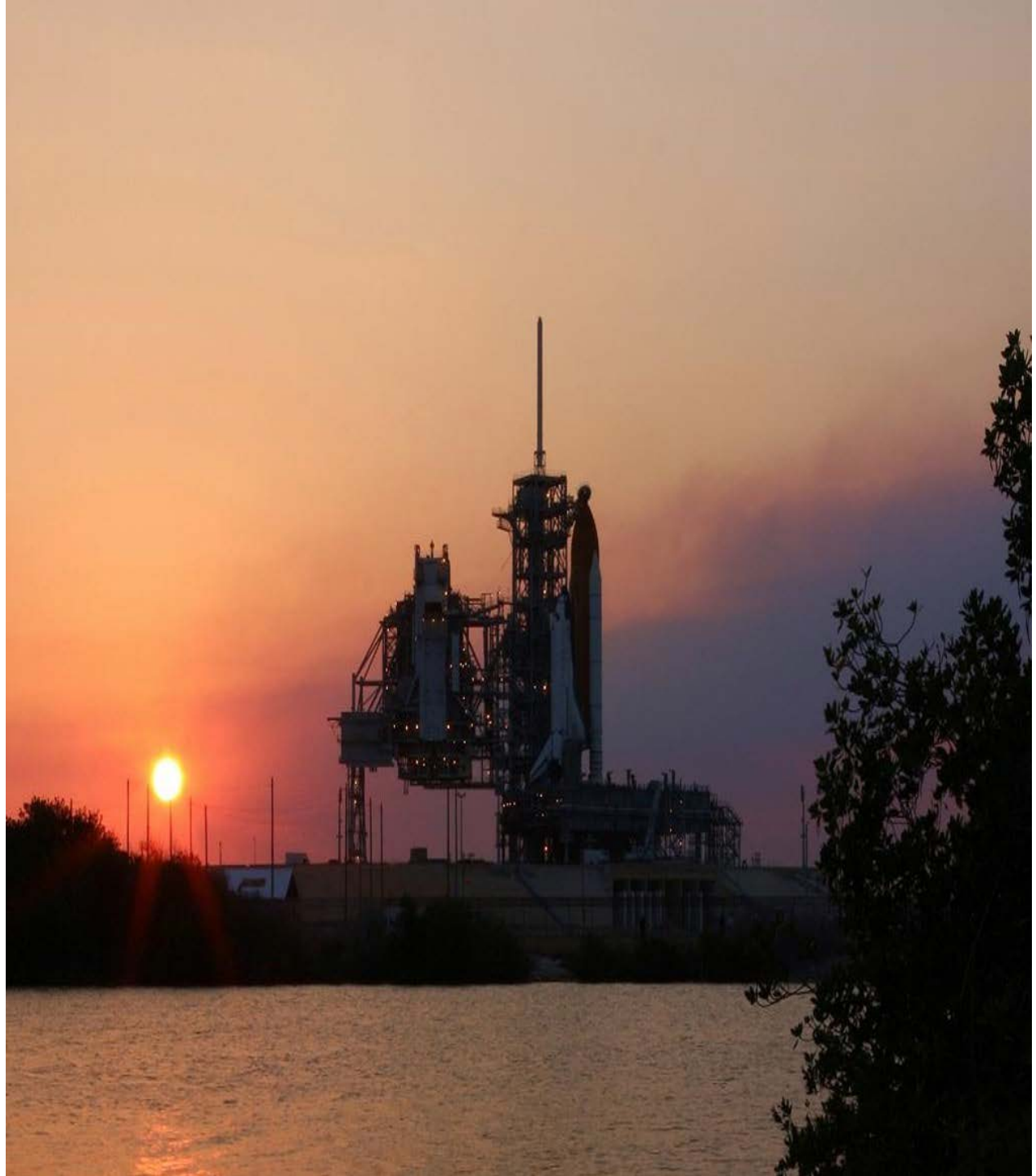
Charlie Blackwell-Thompson
GSDO Launch Director
January 14, 2017
Orlando Science Center

GSDO GROUND SYSTEMS DEVELOPMENT & OPERATIONS

THE JOURNEY TO MARS BEGINS HERE

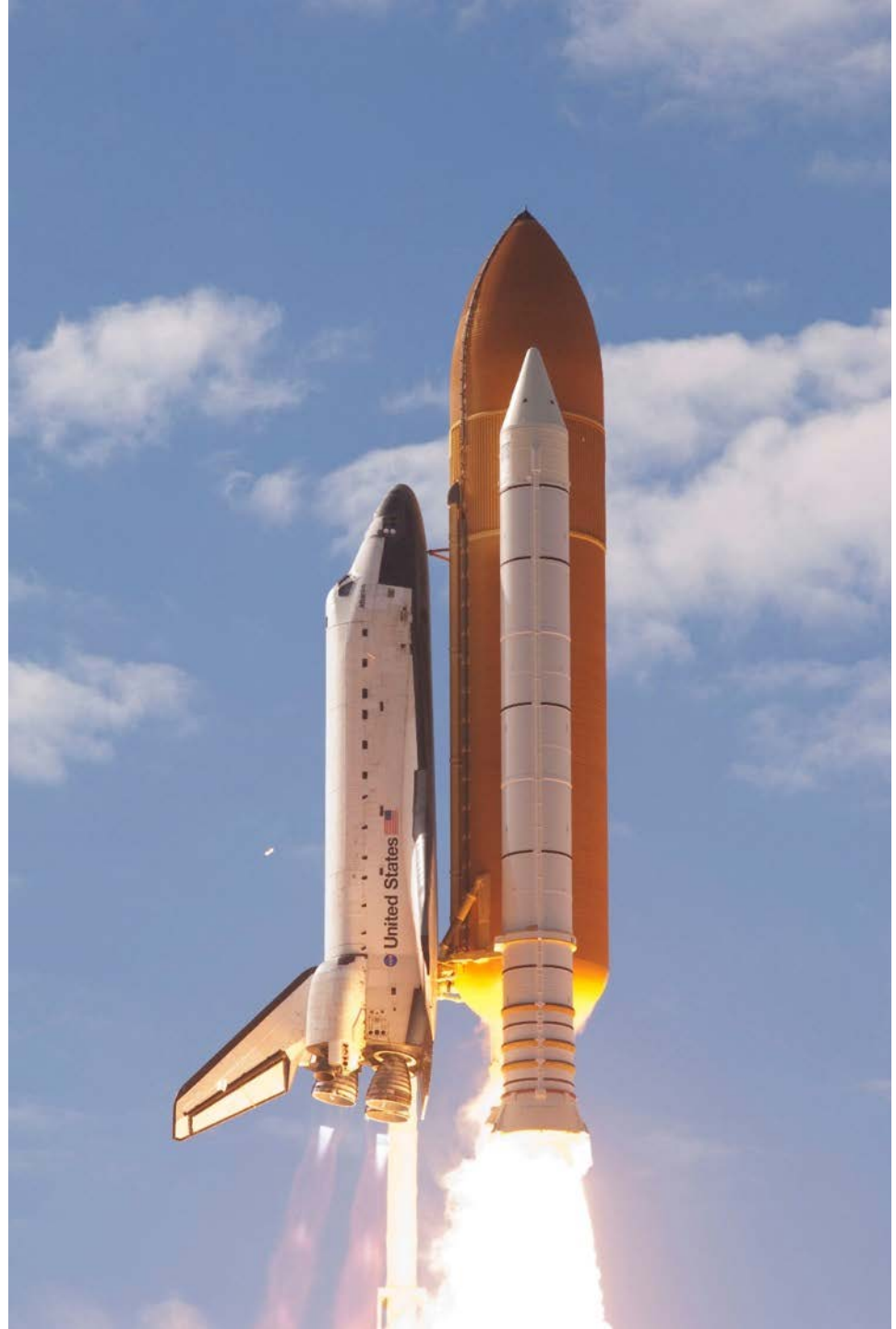
My Journey

ACC
CHAMPIONS
TIGERS



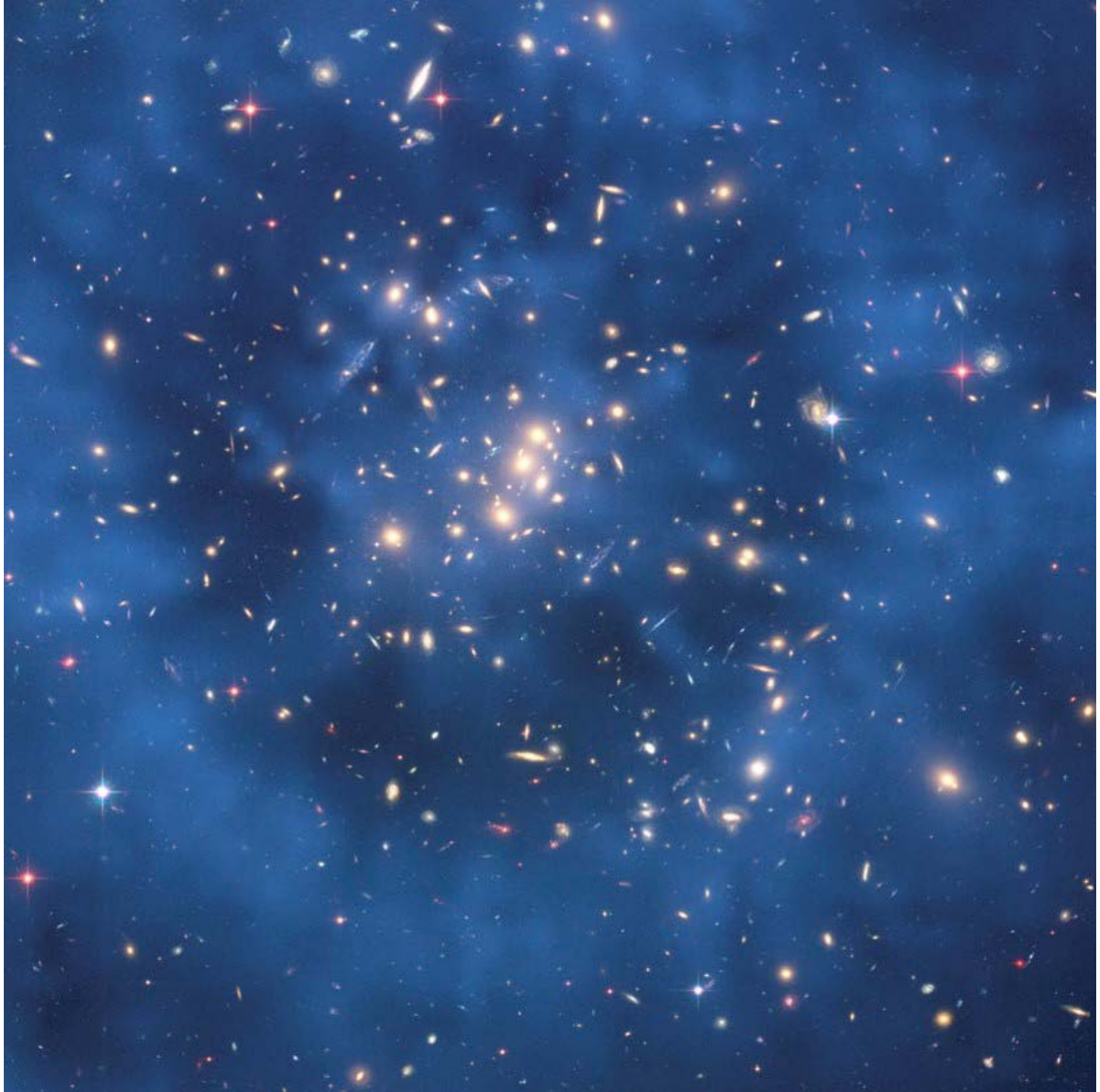
1
Days to
Landing
USA

NASA


United States

ISS023E044773

NASA
Atlantis



ATLANTIS
STS
ATLANTIS
OV-104

Discovery
United States

Atlantis
HE 402-007

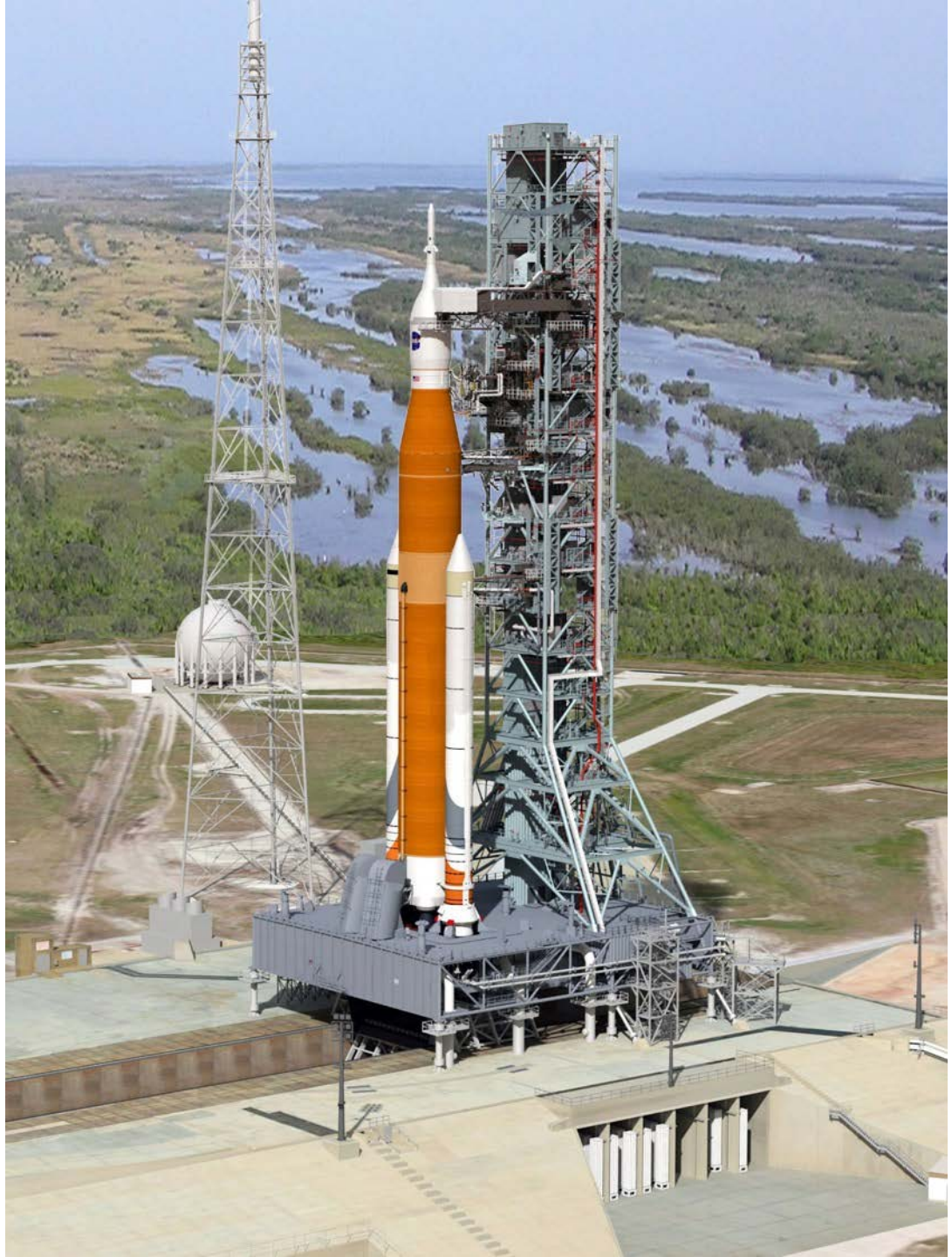
ASST. NASA TEST DIRECTOR

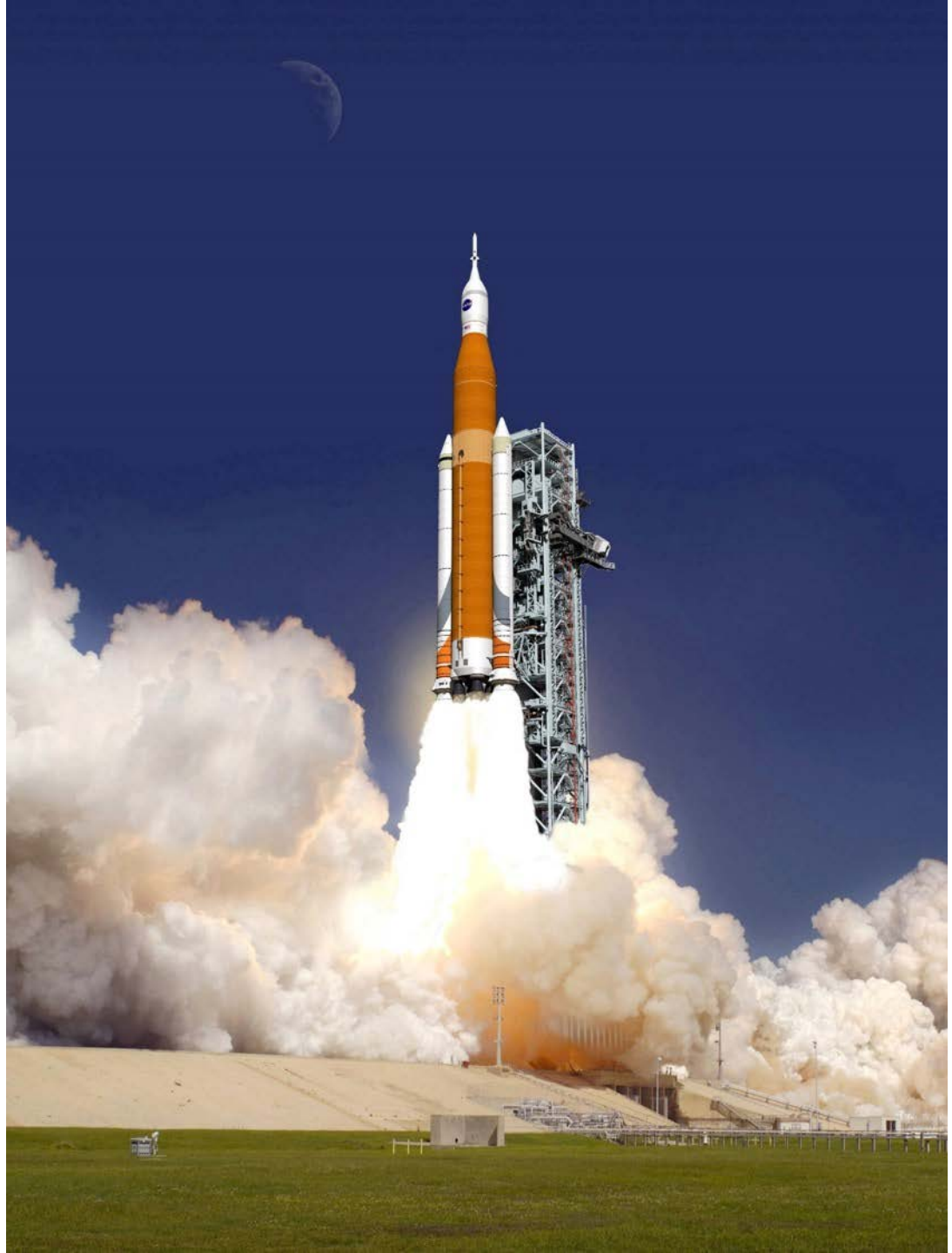
ASST. NASA TEST DIRECTOR

258 20 24 57
UNIVERSAL TIME
COUNTDOWN TIME
16 24 57
LOCAL TIME

EXIT
NASA Advisory Council
April 10, 2015
James L. Stofan
Chair, Ad Hoc Task Force
on STEM Education
Task Force Membership

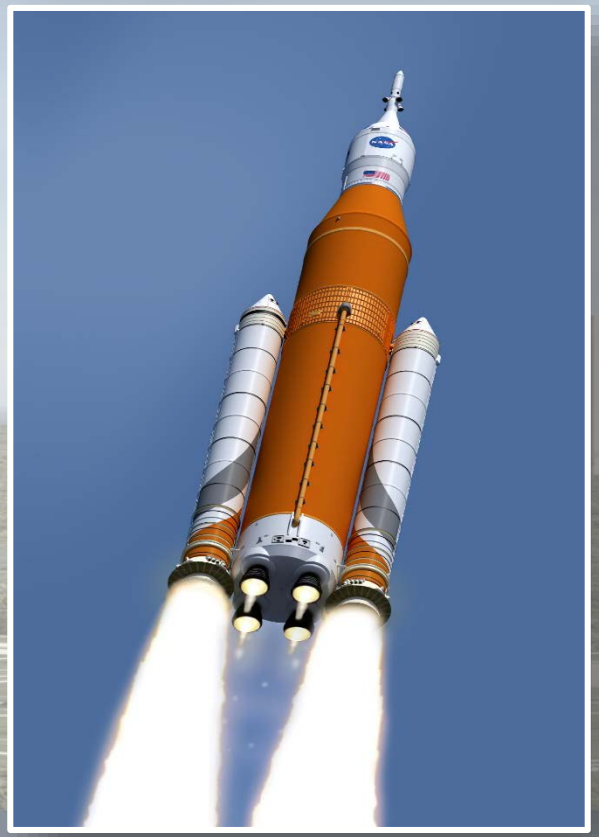
JACOBS





Ground Systems Development & Operations Program

Launching the world's most powerful rocket and recovering history's first spacecraft capable of taking humans into deep space.



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GSDO GROUND SYSTEMS DEVELOPMENT & OPERATIONS

Space Launch System Program

Space Launch System is the most powerful rocket in history offering the highest payload mass and volume capability ever.

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GSDO GROUND SYSTEMS DEVELOPMENT & OPERATIONS

Orion Program

Orion, NASA's new interplanetary spaceship, will carry humans beyond the moon, out to an asteroid and then on to the Red Planet.

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A Launch Director’s View

STS-133 Launch
Assistant Launch Director
February 24, 2011
Launch Control Center

NASA Launch Director Responsibilities

STS-133 Launch
Assistant Launch Director
February 24, 2011
Launch Control Center

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A Launch Director's View